Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033963.D
Acq On : 02 Feb 2022 05:47
Operator : CG/JU
Sample : PB142346BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2022
Supervised By :Yogesh Patel 02/04/2022

Quant Time: Feb 02 06:24:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 01 02:16:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	128021	20.000	ng/ul	0.00
20) Naphthalene-d8	10.736	136	575416	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.566	164	373118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.301	188	708295	20.000	ng/ul	0.00
79) Chrysene-d12	21.465	240	533920	20.000	ng/ul	0.00
88) Perylene-d12	23.853	264	510491	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	21119	6.506	ng/uL	0.00
4) Pyridine-d5	3.713	84	284199	31.367	ng/ul	0.00
7) Phenol-d5	7.084	99	404719	37.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.248	67	241720	36.968	ng/ul	0.00
11) 2-Chlorophenol-d4	7.454	132	326786	38.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.642	113	340614	40.078	ng/ul	0.00
21) Nitrobenzene-d5	9.089	128	166340	36.027	ng/ul	0.00
24) 2-Nitrophenol-d4	9.819	143	187622	37.630	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.360	165	337214	37.374	ng/ul	0.00
31) 4-Chloroaniline-d4	10.872	131	441095	35.402	ng/ul	0.00
46) Dimethylphthalate-d6	13.977	166	1073586	38.505	ng/ul	0.00
49) Acenaphthylene-d8	14.260	160	1254202	36.720	ng/ul	0.00
54) 4-Nitrophenol-d4	14.760	143	186877	39.231	ng/ul	0.00
60) Fluorene-d10	15.554	176	867782	37.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.671	200	176095	39.602	ng/ul	0.00
73) Anthracene-d10	17.401	188	1311716	38.671	ng/ul	0.00
81) Pyrene-d10	19.683	212	1327590	42.117	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.700	264	1080734	40.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	46477	13.121	ng/uL#	90
5) Pyridine	3.731	79	329018	35.181	ng/ul	87
6) Benzaldehyde	7.054	77	248246	38.335	ng/ul#	82
8) Phenol	7.113	94	450227	40.935	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.342	93	349675	40.251	ng/ul	91
12) 2-Chlorophenol	7.489	128	357604	39.722	ng/ul#	88
13) 2-Methylphenol	8.372	108	347940	41.884	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.460	45	477185	40.804	ng/ul	95
16) Acetophenone	8.754	105	572964	42.468	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.748	70	298562	43.588	ng/ul#	88
18) 4-Methylphenol	8.707	108	378059	42.658	ng/ul	98
19) Hexachloroethane	9.019	117	152067	38.930	ng/ul#	82
22) Nitrobenzene	9.131	77	432328	37.822	ng/ul#	90
23) Isophorone	9.666	82	838268	40.863	ng/ul	96
25) 2-Nitrophenol	9.848	139	214491	40.095	ng/ul#	85
26) 2,4-Dimethylphenol	9.913	107	448798	38.460	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.148	93	493900	38.727	ng/ul	97
29) 2,4-Dichlorophenol	10.383	162	360005	39.935	ng/ul	97
30) Naphthalene	10.789	128	1195935	37.574	ng/ul	99
32) 4-Chloroaniline	10.895	127	458892	36.273	ng/ul	100
33) Hexachlorobutadiene	11.083	225	249366	37.381	ng/ul	97
34) Caprolactam	11.677	113	120561m	46.991	ng/ul	
35) 4-Chloro-3-methylphenol	12.024	107	435971	42.203	ng/ul#	86
36) 2-Methylnaphthalene	12.401	142	829024	39.534	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.619	142	845792	39.346	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.766	216	437046	36.829	ng/ul	97
40) Hexachlorocyclopentadiene	12.748	237	297967	34.037	ng/ul	100
41) 2,4,6-Trichlorophenol	13.007	196	296248	40.090	ng/ul	98
42) 2,4,5-Trichlorophenol	13.077	196	322440	41.134	ng/ul	94
43) 1,1'-Biphenyl	13.407	154	1129331	37.757	ng/ul	99
44) 2-Chloronaphthalene	13.448	162	853460	37.846	ng/ul	99
45) 2-Nitroaniline	13.642	65	290958	43.844	ng/ul#	84
47) Dimethylphthalate	14.024	163	1146614	40.945	ng/ul	100
48) 2,6-Dinitrotoluene	14.142	165	234813	43.932	ng/ul	90
50) Acenaphthylene	14.289	152	1416643	38.901	ng/ul	99
51) 3-Nitroaniline	14.466	138	231876	43.944	ng/ul	86
52) Acenaphthene	14.630	153	919613	38.572	ng/ul	97
53) 2,4-Dinitrophenol	14.671	184	139297	42.708	ng/ul	87
55) 4-Nitrophenol	14.771	109	191022	41.539	ng/ul	85
56) Dibenzofuran	14.960	168	1314854	39.189	ng/ul	99
57) 2,4-Dinitrotoluene	14.924	165	342684	44.935	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.189	232	272655	42.276	ng/ul	96
59) Diethylphthalate	15.383	149	1189834	41.715	ng/ul	99
61) Fluorene	15.607	166	1073287	39.972	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.601	204	545486	39.771	ng/ul	98
63) 4-Nitroaniline	15.624	138	239149	46.984	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.683	198	187081	42.108	ng/ul	94
67) N-Nitrosodiphenylamine	15.812	169	924524	42.062	ng/ul	98
68) 4-Bromophenyl-phenylether	16.495	248	327008	42.729	ng/ul	100
69) Hexachlorobenzene	16.612	284	371955	42.507	ng/ul	95
70) Atrazine	16.765	200	324560	39.243	ng/ul	98
71) Pentachlorophenol	16.954	266	233742	41.647	ng/ul	97
72) Phenanthrene	17.342	178	1616877	40.595	ng/ul	99
74) Anthracene	17.436	178	1646657	41.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.371	216	443677	35.842	ng/uL	97
76) Pentachlorobenzene	14.883	250	448090	40.606	ng/uL	97
77) Carbazole	17.701	167	1416092	39.969	ng/ul	99
78) Di-n-butylphthalate	18.265	149	1855806	42.124	ng/ul	98
80) Fluoranthene	19.353	202	1720930	45.610	ng/ul	99
82) Pyrene	19.712	202	1736865	45.038	ng/ul	99
83) Butylbenzylphthalate	20.600	149	719981	45.821	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.377	252	444410	41.827	ng/ul	98
85) Benzo(a)anthracene	21.447	228	1469730	42.491	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.377	149	1035586	45.194	ng/ul	99
87) Chrysene	21.500	228	1425874	42.183	ng/ul	99
89) Di-n-octyl phthalate	22.294	149	1683715	45.548	ng/ul	100
90) Benzo(b)fluoranthene	23.124	252	1442991	41.613	ng/ul	100
91) Benzo(k)fluoranthene	23.177	252	1373322	43.137	ng/ul	100
93) Benzo(a)pyrene	23.747	252	1400818	42.720	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.353	276	1627087	42.929	ng/ul	96
95) Dibenzo(a,h)anthracene	26.371	278	1418524	43.240	ng/ul	98
96) Benzo(g,h,i)perylene	27.118	276	1370632	43.009	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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